

Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 13445-014001	Application No.
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Mihai Ibanescu et al.		
		Filing Date October 25, 2001	Group Art Unit	

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U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
DW	AA	6,130,780	10/2000	Joannopoulos et al.			

Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation
							Yes No
DW	AB	WO00/22466	04/2000	PCT International			
DW	AC	WO00/65386	11/2000	PCT International			

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
DW	AD	R.F. Cregan et al., "Single Mode Photonic Band Gap Guidance of Light in Air," SCIENCE, Vol. 285, pp. 1537-1539, September 3, 1999.
	AE	J.C. Knight, "Photonic Band Gap Guidance in Optical Fibers," SCIENCE, Vol. 282, pp. 1476-1478, November 20, 1998.
	AF	R. A. Waldron, "Theory and Potential Applications of Backward Waves in Nonperiodic Inhomogeneous Waveguides," PROC. IEE, Vol. 111, No. 10, pp. 1659-1667, October 1964.
	AG	M. Ibanescu et al., "An All-Dielectric Coaxial Waveguide," SCIENCE, Vo. 289, pp. 415-419, July 21, 2000.
	AH	F. Brechet et al., "Analysis of Bandpass Filtering Behaviour of Snglemode Depressed-core-index Photonic-Bandgap Fibre," ELECTRONICS LETTERS, Vol. 36, No. 10, pp. 870-872, May 11, 2000.
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	AJ	Xu et al., "Asymptotic Analysis of Bragg Fibers," OPTICS LETTERS, Vol. 25, No. 24, pp. 1756-1758, December 15, 2000.
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	AM	A.N. Lazarchik, "Bragg Fiber Lightguides," Radiotekhnika I elektronika, No. 1, pp. 32-38, 1988.
	AN	N.J. Doran et al., "Cylindrical Bragg Fibers: A Design and Feasibility Study for Optical Communications," JOURNAL OF LIGHTWAVE TECHNOLOGY, Vol. LT-1, No. 4, pp. 588-590, December 1983.
	AO	M. Miyagi et al., "Transmission Characteristics of Dielectric-Coated Metallic Waveguide for Infrared Transmission: Slab Waveguide Model," IEEE JOURNAL OF QUANTUM ELECTRONICS, Vol. QE-19, No. 2, pp. 136-145, February 1983.
	AP	M. Miyagi et al., "Design Theory of Dielectric-Coated Circular Metallic Waveguides for Infrared Transmission," JOURNAL OF LIGHTWAVE TECHNOLOGY, Vol. LT-2, No. 2, pp. 116-126, April 1984.

Examiner Signature	Date Considered
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DW	AQ	J. Harrington, "A Review of IR Transmitting, Hollow Waveguides," FIBER AND INTEGRATED OPTICS, 19:211-227, 2000.	
1	AR	T.A. Birks et al., "Seeing Things in a Hole New Light - Photonic Crystal Fibres," PROC. SPIE, Vol. 4532, pp. 206-219, 2001.	
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	AT	E.A.J. Marcatili et al., "Hollow Metallic and Dielectric Waveguides for Long Distance Optical Transmission and Lasers," THE BELL SYSTEM TECHICAL JOURNAL, 1783-1809, , July 1964.	

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